Boldly "X" this box if there is qualified data on this page.

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: Keys **Project:** 2017-12-11-43

Notes: (1) Numbers ≤4, are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).
(2) Always wait for meter to stabilize before recording any readings.
(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Circle/Fill In: (Lab Calibration) or Calibration/Verification on Site _____

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 12/04/17

DO DEP SOP FT 1500	Name	Date	Time (ET)	Temp. (°C)	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Gary Snarski	12/11/17	0708	24.93	8.3	8.3	100	52.3	0.9539	(P) F	(L) F
ICV	Gary Snarski	12/11/17	0712	24.6	8.3	8.4	100	52.3		(P) F	(L) F
CCV	JOHN BARRINGTON	12/11/17	1025	26.0	8.1	7.9	98	53.3		(P) F	(L) F
CCV										P F	L F

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.
DO Acceptance criteria from Table ±0.3 mg/L. **Rapid-Pulse Sensors:** DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.
Optical: DO gain range 0.85 to 1.15; DO charge N/A. **Steady-state & Galvanic Sensors:** DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time (ET)	Lot #	Expir. Date	Standard µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Gary Snarski	12/11/17	0720	1707288	8/18	500	500	(P) F	(L) F
ICV	Gary Snarski	12/11/17	0722	17082B	9/18	100	100102	(P) F	(L) F
CCV	JOHN BARRINGTON	12/11/17	1020	1707288	8/18	500	497	(P) F	(L) F
CCV								P F	L F

Report specific conductance as a whole number with no decimal figure. Conductivity Acceptance criteria ± 5%

pH DEP SOP FT 1100	Name	Date	Time (ET)	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Gary Snarski	12/11/17	0732	173426	5/19	7.0	6.99	-14.6	(P) F	(L) F
Calibr.	~~Gary Snarski~~	~~12/11/17~~	~~0735~~	~~172992~~	~~4/19~~	4:0			P F	L F
Calibr.	Gary Snarski	12/11/17	0735	172992	4/19	10.0	10.0	-191.0	(P) F	(L) F
ICV	Gary Snarski	12/11/17	0740	173426	5/19	7.0	6.9	-11.7	(P) F	(L) F
CCV	JOHN BARRINGTON	12/11/17	1023	173426	5/19	7.0	7.0	-16.9	(P) F	(L) F
CCV									P F	L F

Report pH with one decimal place; pH Acceptance criteria ±0.2 SU; mV pH7 Range 0±50; mV pH 4 Range +180±50;
mV pH 10 Range -180±50; Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly) Date of Last Depth Verification _____

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air				0.000			

ICV acceptance criteria ±5 % or ±0.05m, whichever is greater

Notes: _____